smooth inner sealing surface of said shell to restrict migration of debris toward said at least one screw hole;

said shell having a plurality of peripheral notches therein; and

C 1 Cont'd said liner having a plurality of tabs extending outwardly from the liner with each tab being received in a respective one of said notches in said shell, each said notch having a pair of inwardly projecting lips to grasp its respective said tab.

11. The prosthesis of claim 10 wherein with said tabs so disposed said notches, micromotion of said liner within said shell is inhibited.

C 2 12. A component for an orthopedic joint replacement system, said component comprising a metal shell adapted to be affixed to a bony structure within the human body by means of bone screws or the like, said shell having one or more holes therein for reception of said bone screws and an inner surface, a liner of a suitable synthetic resin material adapted to fit closely within said inner surface of said shell, said liner constituting a bearing surface for another component of said joint replacement system, said liner having at least one seal extending outwardly from liner for sealing engagement with said inner surface of said shell around the entire liner so as to prevent the migration of joint fluid and debris from said joint to said screw holes, said seal being configured so as to be flexible upon insertion of said liner into said shell after said shell has been affixed to said bony structure by said bone screws, said liner further having a lock separate from said seal, said lock comprising a plurality of notches in the upper peripheral edge of said shell and a plurality of tabs, one for each said notch, extending